

The system.
The Operation: TV.

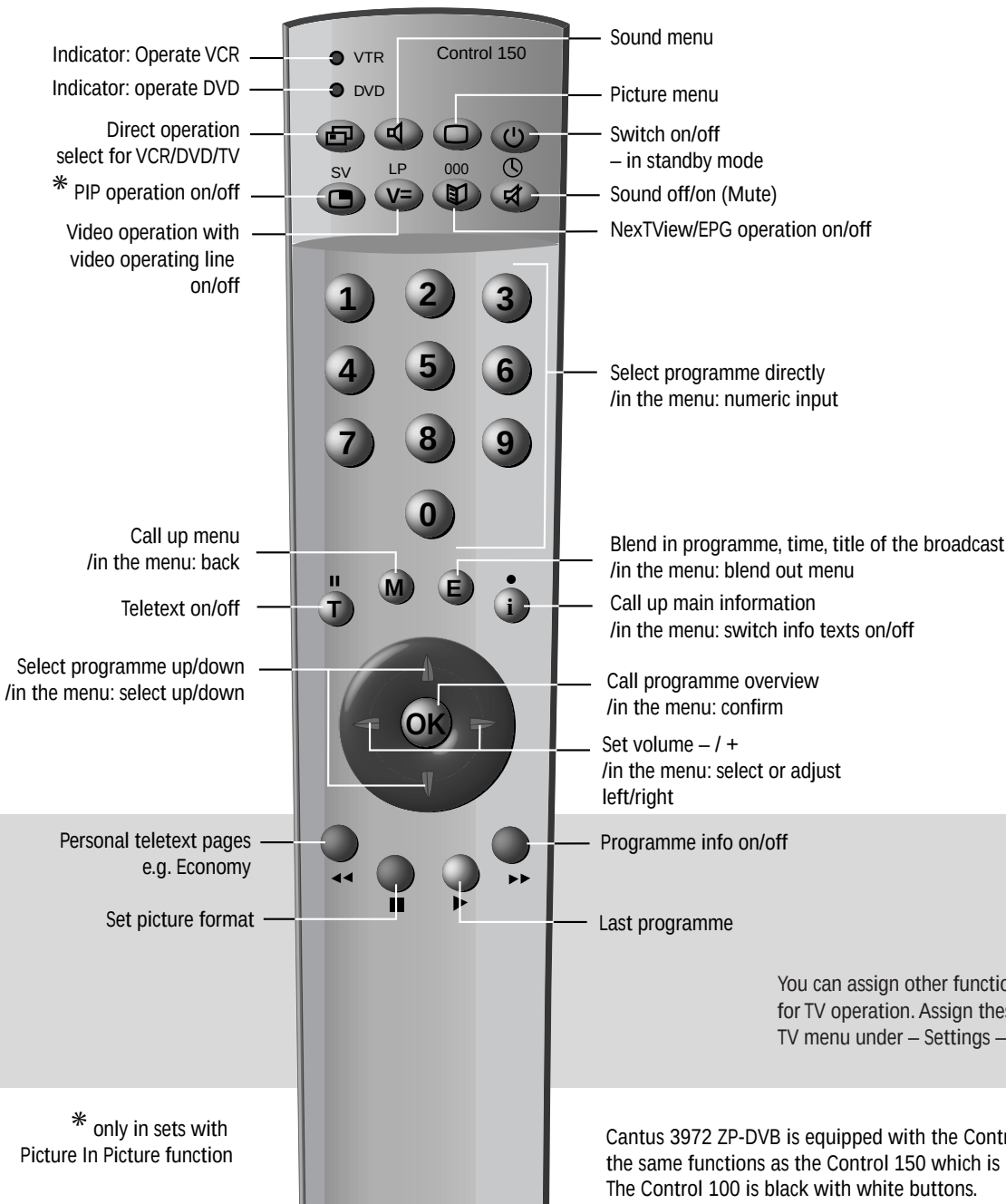
LOEWE.



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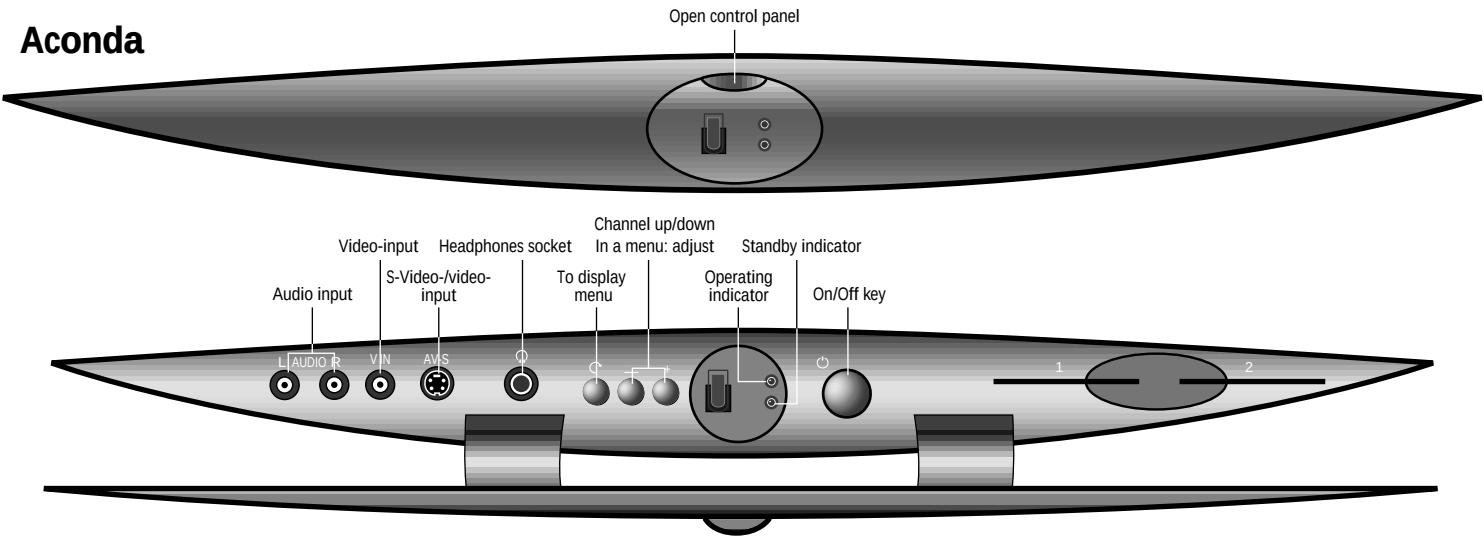
Remote control – TV functions



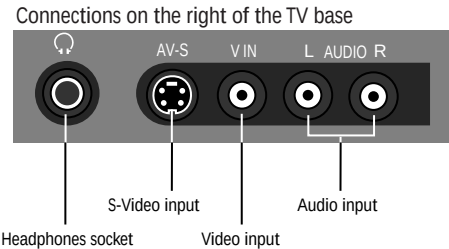
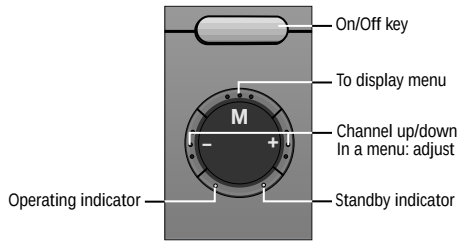
Cantus 3972 ZP-DVB is equipped with the Control 100 and offers the same functions as the Control 150 which is illustrated. The Control 100 is black with white buttons.

Operating Panels

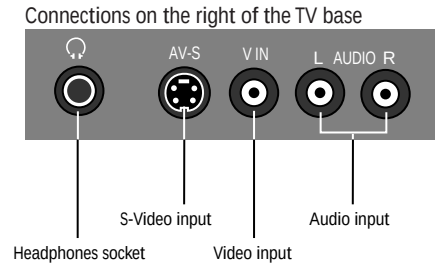
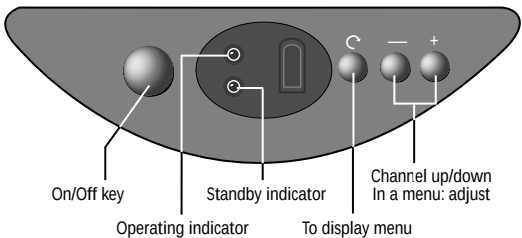
Aconda



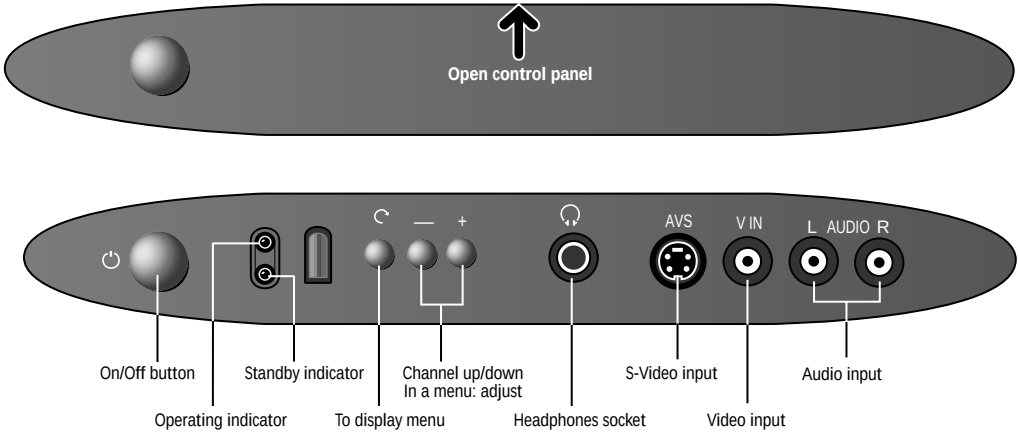
Vitros



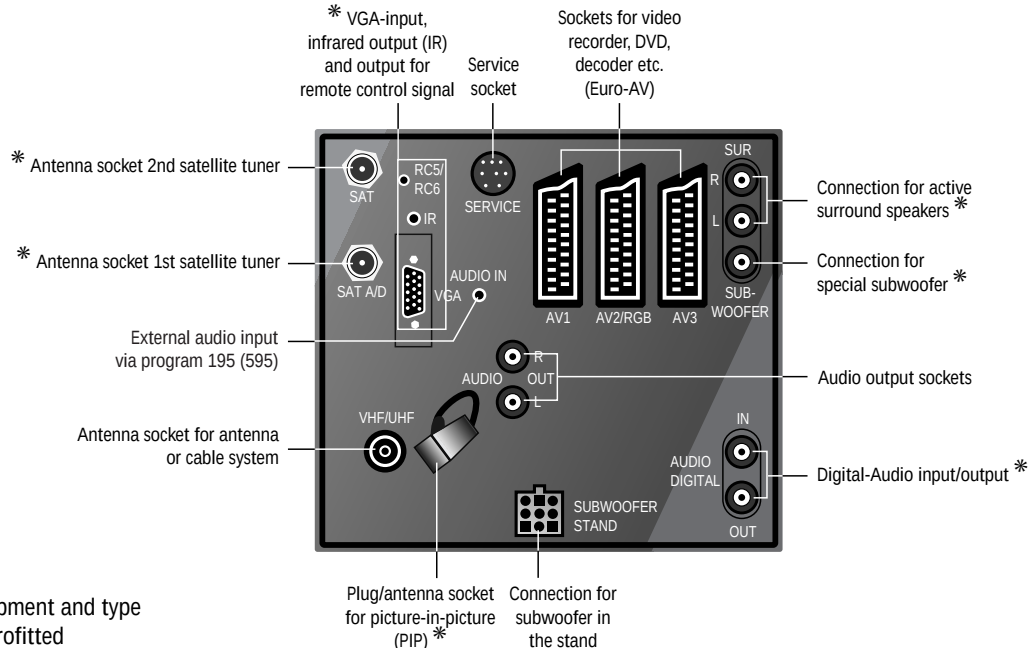
Xelos



Cantus



Connections on the rear panel



* depending on equipment and type of set or can be retrofitted

Welcome

Thank you,

for choosing a Loewe product.
We are happy to have you as a new customer.
At Loewe we combine the highest demands on technology, design and user friendliness.
This applies equally to TV, video and accessories.

Neither the technology nor the design shall be an end in themselves but shall rather provide our customers with the highest possible viewing and listening pleasure.
With the design, we have not let ourselves be guided by short-lived fashionable trends.
After all, you have purchased a high-quality appliance which you don't want to get tired of looking at tomorrow or the day after.

About the appliance

We have designed the TV so that you can operate it easily with the aid of the menus. When you need operating information, simply blend in the info texts with the i-key and you will quickly understand the connections.

You will find the answers to many technological questions in your TV's index. As far as the operation of the TV set is concerned, you can call a function directly from the index. There is then no need to read the operating instructions and therefore only the most important operating steps are explained in the operating instructions.

You can control three Loewe appliances with the remote control; in addition to this TV set, a video recorder and a Loewe DVD player.

Equipment of the TV sets

The maximum equipment is described in this operating manual.

Functions marked * are not contained in all sets.

The illustrated menu contents may vary depending on the equipment of the set.
You can find out about the equipment of your TV set under Main Information – Technical spec. of TV set.

Installation and Cleaning

Vitros television sets have recessed grips on the left and right sides at the front. Hold the set by these grips when carrying it; do not carry it by the base, since this can damage the grille.

Please note that, because of the weight of the television set, its feet may leave impressions on furniture made from soft wood (e.g. spruce, fir, pine). Sliding the television set along a surface will also leave marks.

The plastic material of the feet contains plasticisers which occasionally may etch the surfaces of furniture. In such cases, use a pressure-resistant mat that is approximately the same size as the base area of the television set.

Please note and follow the safety instructions on the following pages.

Make sure the quality of the picture is not impaired by reflections of bright light or sunlight.

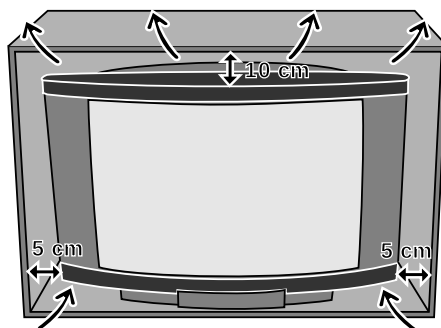
Clean the TV set and the remote control with a damp, soft, clean cloth (without any aggressive or abrasive cleaning agents).

For your own safety ...

For your own safety and to prevent any unnecessary damage to your television set, please read and take note of the following safety precautions:

- This television set is only intended for the receiving and reproduction of sound and image signals.
- This television set has been designed for use in homes and offices and should not be used in rooms with a high air humidity (e.g. bathroom, sauna) or where there is a lot of dust (e.g. workshops). If, in exceptional cases, the set is to be used outdoors, ensure that it is protected from moisture (rain, splashes or dew). High levels of moisture and high concentrations of dust will cause leak currents in the set. This can result in a risk of electrical shock and may also present a fire risk.
The manufacturer's warranty is only valid for use in the permitted environments, as stated.
- This set may only be connected to a power supply that has the voltage and frequency stated on the type plate. It may only be connected to the power supply using the power cable provided. Incorrect voltages may damage the set.
- If the set is brought from a cold environment into a warm room, all its components will become damp (with condensation). Moisture will cause leak currents, which may result in a fire. In such cases, do not switch on the set until it has had enough time to warm up (when the mist has cleared from the screen).

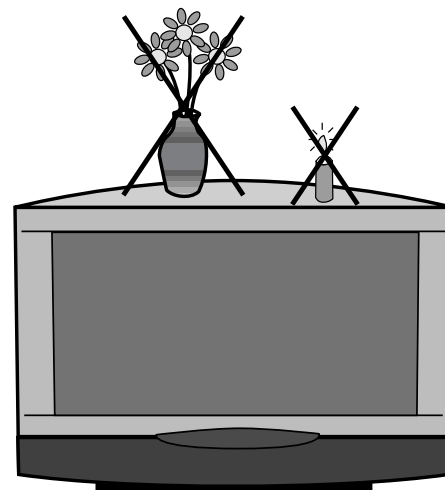
- Like all electronic equipment, your television set requires air to cool it. If the air supply is restricted, this may result in a fire. Under no circumstances should you cover the air vents on the back of the set. Do not place any newspapers or covers on the television. The air supply will also be impaired if the television is placed on a bedspread or thick-pile carpet.



If the set is to be placed in a cupboard or on a shelf, gaps of at least 5 cm at the sides and 10 cm at the top must be left to ensure good air circulation.

Do not place your set in direct sunlight or anywhere where it is likely to be exposed to additional heat from heaters.

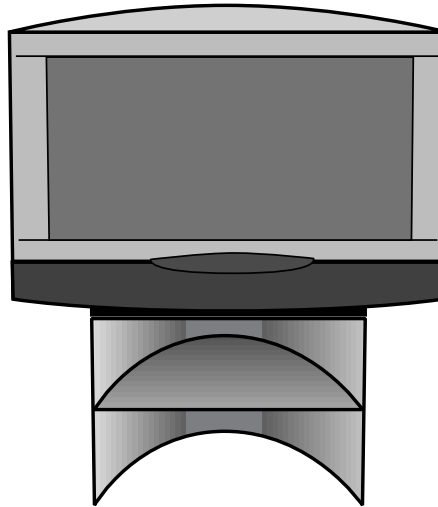
- Ensure that no metal parts, needles, paperclips, liquids, wax or similar products get into the inside of the set through the ventilation slots in the back. This will cause short circuits, which may then cause a fire. If something should get into the set, switch the set off immediately using the on/off switch, pull the plug out and contact customer services to get the set checked.



Do not place any burning candles, flower vases filled with water, etc on the television set.

- Under no circumstances should you remove the back of the television set yourself. The set operates at extremely dangerous high voltages. Have your television set repaired and serviced only by authorised television technicians.
- Because of their tubes, the centre of gravity of television sets is located far forwards. As a result, the television has a tendency to tip forwards relatively easily. This can cause injury.
Only place your television set on level, stable surface. Ensure that the set can stand on all feet. The television set should not jut out at the front, particularly when installed in cupboards or on shelves. When placing the set on a stand, ensure that the stand is larger than the base area of the set.

When using revolving or extending bases, ensure that the load-carrying capacity of the bases is sufficient for this purpose.



If possible only use original accessories, such as Loewe racks and stands.

If the television set is on a mobile console, move the console carefully otherwise both the console and the set may tip over. Mobile consoles can markedly reduce the stability of equipment placed on them. Therefore only use mobile consoles that have been tested and are intended for use with the set.

Do not allow children to operate the set unsupervised.

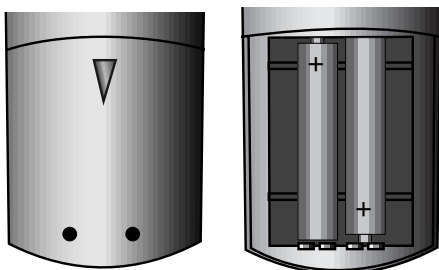
Do not allow children to play in the immediate vicinity of the television set. The television may be tipped over, moved or pulled from its stand and may cause injury.

- Do not put the television set in a position where it will be subjected to vibrations. Vibrations will place excessive stress on the materials.
- Do not leave the set unattended when it is switched on.
- In thunderstorms, disconnect the aerial and the mains plug. Voltage surges from lightning strikes may damage the set through both the aerial and the mains power supply. Disconnect the aerial and the mains plug if you are also going away for a long time.
- The television set's mains plug must be easy to reach so that the set can be disconnected from the mains at any time.
- The mains cable should be laid where it cannot get damaged. The mains cable should not be bent, laid over sharp edges, walked over or exposed to any chemicals; the latter also applies to the entire set. If the insulation on the mains cable has been damaged, this may cause electric shocks and also presents a fire risk.
- When pulling out the mains plug, hold the plug housing, do not pull on the cable. Otherwise the cable in the plug may be damaged and cause a short circuit the next time it is plugged in.

First Use

Batteries – Remote Control

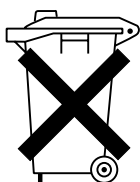
To insert or replace the batteries press where the arrow is imprinted. Slide the battery compartment cover downwards and remove it. Insert batteries of type Alkaline Manganese LR 03 (AAA) and make sure + and – poles are the right way round.



Then push the cover back up.

Notes on battery disposal:

The original batteries do not contain any pollutants such as cadmium, lead and mercury. Used batteries do not belong in the domestic waste. They must be taken to the appropriate collection points according to the national laws. Ask your dealer.



Connection

Power supply

Connect the TV set to a 230V/50–60 Hertz socket.

Antennas

Connect your antenna or cable system to the VHF/UHF antenna socket.

If the set is equipped with a Picture in Picture tuner (PIP), plug the aerial plug which emerges above the antenna socket into the antenna socket for the PIP tuner.

If the set is equipped with one or two satellite tuners, connect the Sat antennae to the SAT sockets (see fig. page 5).

Switching on

On the Aconda you will find the On/Off key behind the operating panel cover. Open the flap of the operating panel.



Press the On/Off key so that it clicks into position.

Switching on for the first time

The TV's automatic programming is activated the first time you switch it on.

First you have to select the menu language for your TV set. Then specify which antenna you have connected to your TV and in which country you are operating it.

Follow the menus and then start the automatic programming.



Select the settings with the arrows on the rings ...



... confirm your settings with **OK**. You then come to the next menu ...



... Press this key if you need information about the settings.

Use the pre-programmed satellite stations if necessary, otherwise they will be erased. Once you have answered all the questions for the automatic programming your settings will be displayed.

Check whether everything is correct. Then start the automatic programming with the **OK** key. The TV searches for and sorts all programmes which can be received by your antenna system. You see the programme preview after the automatic programming.

You can repeat switching on for the first time at any time, e.g. after moving house or retrofitting satellite tuners. Call the index in the Main Information (**i**-key). Then select the index item "First installation repeat". Then start "First time switching on" with **OK**.

Daily Use

Switching On/Off

Your TV set is equipped with an eco-standby power supply unit. The power consumption in standby operation drops to below 1 Watt. This means using 30% less energy than with conventional appliances.

If you want to save even more energy, switch off the TV with the On/Off key. This disconnects the TV from the mains.



If the TV is switched on, you can switch it to standby with the blue On/Off key on the remote control. The red standby indicator on the set lights up. If the green indicator is also alight, a timer recording has been programmed or Sat radio is activated.



From the standby mode you can best switch on again with the blue On/Off key or with a number key (programme 0-9). The green operating indicator then lights up.



With OK you switch on the TV, see the programme preview and can select a programme.

On the Aconda you will find the On/Off key behind the operating panel cover.



If you switch off the TV with the On/Off key on the set, none of the indicators lights any more.



Switch on the TV with the On/Off key on the set if it is switched off.

Changing Programmes



Programmes up/down

With the numeric keys on the remote control



7
long

2 7
short long

1 2 7
short short short

0 0 7
short short short

1-digit programmes

Keep the 0 – 9 key pressed for one second, the programme then changes immediately.

Or tap the 0 – 9 key, the programme then changes after 2 seconds.

2-digit programmes

Keep the second number key pressed for one second, the programme then changes immediately.

Or press both number keys, the programme then changes after 2 seconds.

3-digit programmes

press all three number keys, the programme then changes immediately.

All programmes can be entered with three digits, e.g. 007 for 7.

Call Audio/Video programmes



short or long

for playback of AV-equipment (see page 13).

AV selection VIDEO AV1 AV2 AV3 AVS

With the programme preview



Call up the programme preview with OK



Call up programme



Select

Adjusting sound and picture

Adjusting the volume

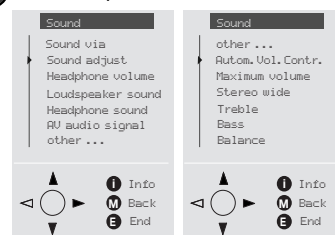


Adjusting the volume

Call up the Sound menu



Call up the Sound menu



Select the Sound function

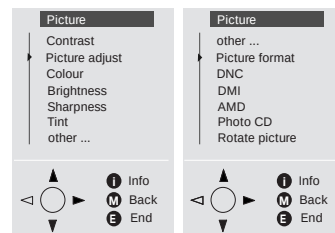


Adjust

Call up the Picture menu



Call up the Picture menu



Select the Picture function



Adjust

Operation of the Menus and Modes of Operation

General menu operation

M Call up the menu (graphic user guidance), different menus are displayed depending on the mode of operation of the TV (TV, PIP, Video, Teletext or NexTVView/EPG).

In TV mode without blend in, you will see the **TV menu**.

If Picture In Picture is activated (green frame), you will see the **PIP menu***.

If the video operating line is blended in, you will see the **Video menu**.

If you have switched over to teletext, you will see the **Teletext menu**.

If you have blended in EPG, you will see the **NexTVView menu**.



select a menu item up/down



set or operate a selected function left/right

... or



... call selected sub-menu with **OK**



... Blend info texts in/out if these are offered



back to the previous menu level



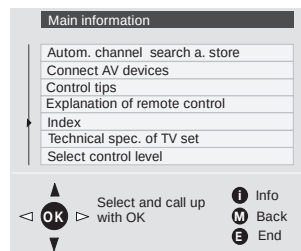
blend out menu

You can see which keys you can operate in the menu at the bottom of the respective menu. In addition, the coloured function keys have different functions in every mode of operation.

Main Information



Call up Main Information ... (no menu display activated)



In the Main Information you will find for example:

The **index** contains technical terms and answers many of your questions concerning the TV. If it's a question about operation you have direct access from the index to the menu of the operating function.

The **Explanation of the Remote Control** shows the function of every key for the different operating modes of the TV and the remote control.

Loewe TV sets are available in different equipment variations. You can find out how your TV set is equipped under the menu item **"Technical spec. of TV set"**.



select up/down ...



call up sub-menu selected with **OK** or confirm selection



... blend info texts in/out if these are offered



back to the previous menu level



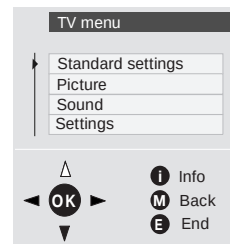
blend out menu

TV Operation and TV Menu

TV-mode/TV exists when none of the operating modes picture-in-picture (PIP), Teletext, NexTVView/EPG or Video is activated.



Call up the TV menu ...



In the TV menu you will find everything you need to know about the TV settings.

Function of the colour keys in TV mode

You can assign your own functions to the four colour keys. The following functions are set at the factory:



red, list or call up personal teletext pages



green, call up Picture format menu



yellow, call up last viewed programme



blue, call up programme info

Other functions for the colour keys

You can assign other functions to the keys under the menu item "Settings" – "Function keys".

* Picture In Picture Mode and PIP Menu



Blend PIP picture in/out

Function of the colour keys in Picture In Picture mode



red: PIP still frame on/off



green: switch between PIP and TV mode. With multi-PIP additional selection which small picture is active. This marks in which picture a programme is to be changed and which picture is to appear as a moving picture in multi-PIP. If the PIP picture has a green frame, the TV set is in the PIP mode, if it has a white frame the TV is in the TV mode.



yellow: replace active PIP picture with TV picture

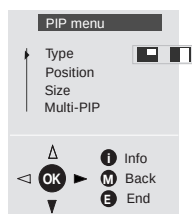


blue: Start/stop Play PIP programmes; in multi-PIP: Update PIP pictures one after another

PIP menu



blend in PIP menu



In TV sets with 16:9 screens the Split Screen function can be set (type: right symbol). The PIP picture is shown in full height on the right side of the screen. Multi-PIP is only possible in sets with a 16:9 screen.

Teletext Mode and Teletext Menu



Teletext on/off

Function of the colour keys in Teletext

The coloured bars at the bottom of the teletext show you to which chapters you can turn.



red: back to previous page



green: turn to next page



yellow: turn to next chapter (only with TOP and FLOF)



blue: turn to next main chapter (only with TOP and FLOF)

TOP and FLOF are teletext operating systems. Loewe TV sets use both systems if they are transmitted.

The menu lines underneath the coloured bars show you other possibilities, fast selection of pages:



Mark a page number specified on the teletext page ... and ...



... show with OK



scroll in the stored sub-pages. You can see which sub-pages are already stored in the bottom line of the menu.

Only pages marked as sub-pages by the station are stored. Unmarked pages change automatically.

Further teletext functions



enter page number directly



hold self-changing sub-pages (HOLD)



adjust size: top part – bottom part – normal size



to Overview page 100



blend PIP picture in/out *



call up TOP table with **OK**. The TOP table is an overview list of the teletext programme. The table can only be called in stations with TOP operating system.



... select subject areas in the TOP table and ...

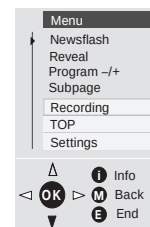


... call up with **OK**

Teletext menu



blend in Teletext menu



You will find other functions in the Teletext menu such as: display "New Message", "Un-selected cover" hidden information, switch to other teletext programmes (if another tuner is available) and enter 4-digit sub-page number directly.

NexTVView/EPG Mode and NexTVView Menu

NexTVView is the electronic programme guide for analogue television programmes, EPG that for digital ones.



NexTVView/EPG on/off



Select starting time or day



Select station



Switch over to marked station with **OK**. If the programme starts later, it is marked (up to 10 programmes). If the programme is already marked, the mark is erased.

Function of the colour keys in NexTVView/EPG mode



red: Prepare recording for the marked programme



green: List other days for the EPG list. Press green again to select the time



yellow: Blend in Theme selection



blue: Show programme preview for the programme. Press the blue key again to show all programmes.

Other NexTVView/EPG functions



Detail: Show detailed programme info for selected programme

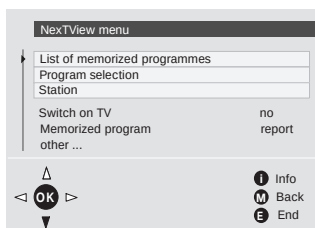


End: End NexTVView/EPG, back to previously viewed programme

NexTVView/EPG menu



Blend NexTVView menu in/out



In the NexTVView menu you can call an overview of the marked programme, delete individual programmes if necessary and makes the basic settings for the EPG.

Notes: The program data entry for NexTVView/EPG takes place during the night between 2 am and 5 am provided that the TV set is switched off in standby mode. Data entry is not possible if the TV set is switched off with the mains switch or if the mains plug is removed during this period. As a result, there is no programme data available for NexTVView on the following day. If you switch off the TV set in standby mode, data entry is performed after 2 minutes. The red and green indicators illuminate on the control panel. Data entry takes 1 hour, or longer on TV sets with DVB module.

The program data entry also takes place when you watch a program which transmits NexTVView/EPG data, e.g. RTL2 or PRO7, during this time. Data entry for analog Premiere is not possible. If you cannot receive programs with NextView/EPG, you should set "Data entry off" under "Others" in the nexTVView menu. The memory for the Teletext pages can thus be used.

Video Mode/Video Menu

Exclusively for operating Loewe video recorders with Digital Link and Loewe DVD players (connected to one of the AV-aided sockets).



Blending the video operating line in/out



If you have logged in a video recorder or a DVD player, you will see a video operating line for every connected appliance.



Select the video operating line if several video recorders or one DVD player and at least one video recorder are connected



Select function



Execute selected function with **OK**



Switch appliance on/off



Select the video input (Euro-AV socket) for the video recorder



Rewind (VCR only) or reverse search



STOP



PLAY



Fast forward (VCR only) forward search



Pause/Still



Operation of additional equipment

Logging In and Connecting Audio/Video Equipment



Next chapter on DVD



Previous chapter on DVD



Recording (only with VCR):

The channel currently selected is recorded. Now you cannot switch to another channel (locked). The lock is only released when you stop recording.

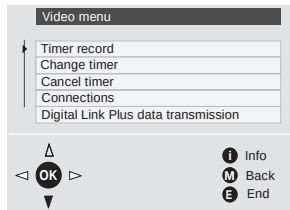
Exceptions:

1. You have installed several tuners (not PIP tuner) in the TV set, then you can view another channel with the second tuner.
2. You can also view the signal (e.g. of a DVD player or another video recorder playback) via an AV connection.
3. With a video recorder with Digital Link Plus, the tuner of the video recorder is used to record.

Video menu

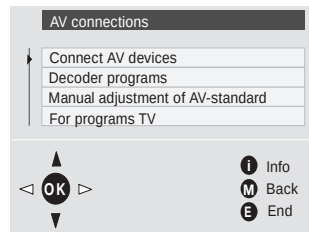


Blending in the video menu



In the Video menu you have the possibility of setting the timer for recording TV programmes with a connected video recorder. In the "Connections" menu you can log in other AV equipment. "Digital Link Plus data transmission" is used to transmit the station data of the TV set – without a satellite transmitter – to the video recorder (is only displayed if a Digital Link Plus Recorder is logged in and connected).

First log in the appliances you want to connect in the Main Information under the menu item "AV connections". The TV set creates a connection diagram showing you which sockets you can connect your AV equipment to.

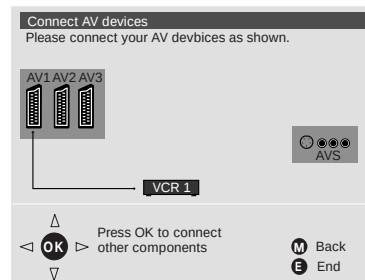


First select "Connect AV equipment".

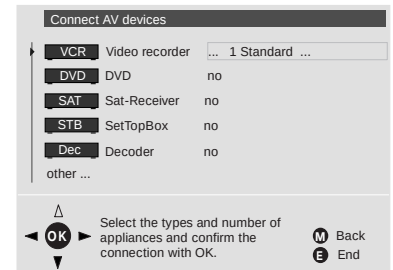


Press **OK**

You see a connection diagram: e.g. a standard video recorder connected to the EURO AV socket 1.



If you have other or more appliances, press **OK**.

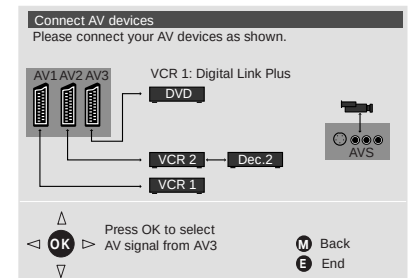


Now select the number and type of appliances you want to connect from the list.



If, for example, you have selected one Digital-Link Plus video recorder, one standard videorecorder, one decoder, one DVD player and one camcorder, press **OK**.

A new connection diagram is displayed according to the selected video recorders.



Press **OK** to set the signal type for the connected VCRs (automatic detection of VHS/SVHS, VHS/8mm or SVHS/Hi8 for video recorders; automatic detection of FBAS, YC, RGB etc. for other VCRs). If a Pay-TV-Decoder is connected, you must specify the Pay TV programme in the "Decoder Programs" menu in the following menu.

Connect your equipment as shown in the menu.

A video recorder with Digital-Link Plus must be connected to the EURO-AV socket 1.
A DVD player must be connected to the EURO-AV socket 3.

Depending on which video recorder is selected, the TV set sets the signal type.

The AV norm is also set according to the country selected the first time the set is switched on.

If you need a different AV norm for the set to be connected, e.g. NTSC, set this in the menu "Manual adjustment of AV-standard". If you want to connect equipment which is not listed in the connection diagram, select in the "AV connections" menu – "Connect AV devices" **OK** and the line " – "Other component to AV ..." under "other". The AV connection is displayed in the connection diagram. Press **OK** and then select the **signal type**, e.g. RGB or Y/C.

Video Playback



Press, the AV programme last used is set and the AV selection blended in.

AV selection VIDEO AV1 AV2 AV3 AVS



Select to play from another video recorder through the AV sockets or the programme of the video recorder (channel 36) through the antenna socket.

You can call up the AV programmes as usual with the programme keys or with the programme preview. The programmes are:
000 (000) for video recorder, playback via antenna input

199 (599 in DVB) for EURO-AV 1,
198 (598 in DVB) for EURO-AV 2,
197 (597 in DVB) for EURO-AV 3,
196 (596 in DVB) for the front socket AVS,
195 (595 in DVB) for the VGA socket

You can also use every other programme number for video playback if a switching voltage is transmitted by the AV appliance during playback and you allow the switching voltage in the "AV connections" – "For TV programmes" menu.

IR-Link *

The Aconda 9581ZW AC3 and Aconda 93102ZW AC3 television sets have an IR link socket. This allows you, for example, to operate a concealed D-box or a video recorder from another manufacturer, via the television using most remote controls. Plug the jack plug of the cable with the infrared transmission diode into the IR socket at the back of the TV set. The infrared transmission diode on the end of this cable must be placed in front of the concealed equipment. To transmit, the TV must, of course, be switched on. To operate the concealed video recorder, aim the infrared remote control at the TV set.

Operating the Video Recorder and DVD Player Directly

You can also switch over the remote control of the TV for direct operation of the Loewe video recorder and Loewe DVD player.

Select the appliance to be operated:



for video recorders: the VTR display on the remote control lights ...



press again, the DVD display lights ...



press again, none of the indicators light any longer, the TV mode is activated.

If you switch over to another appliance (e.g. accidentally), the TV can, of course, not be operated. In this case, switch back to TV (press repeatedly until the display no longer lights) or wait 20 seconds until the remote control switches back to TV mode automatically. If the video recorder or the DVD player is no longer operated (after 20 seconds), the display of the remote control switches off and back to TV mode.

Note: With the Loewe video recorders VV3600H, VV8500H and VV5000M, you use the original remote control or the video control line which you call with the **V**= key.

What to do when ...

Problem	Possible cause	Remedy
Various menu items such as "Settings" in the TV menu, "Connections" in the video menu, Teletext-, NexTVview/EPG and PIP menu are not displayed	"Simple control" activated in the Main information	Deactivate "Simple control" in the Main Information, press the i -key, select "Select control level" and call up with OK . Set "Simple control" to "no".
Setting "Connect AV devices", "Connections", "Timer record", "Change timer" or "Cancel timer" are not displayed	a) Timer recording is in progress b) You are in the process of recording from the TV set with the video operating line c) No video appliances is logged in	a) Wait until the timer recording has finished or clear timer (then the recording is aborted!). b) Wait until you stop the recording. c) The recording and timer functions are only possible if video recorders are logged in.
In the TV menu, the menu item "Programs" is missing and in the Main Information the item "Automatic channel search a. store"	The child lock is activated. If these menus were accessible, children could still set the programmes.	Deactivate the programme-related child lock. Switch off the child lock inn the TV menu – Settings.
Control of the Loewe video recorder via the video operating line and the timer do not work properly or not at all	a) The Digital Link function in the video recorder is not activated or not possible b) Euro AV cable not connected	a) Activate Digital Link in the video recorder (see operating instructions of the video recorder, in newer video recorders in the menu under "Settings") b) Connect the Euro AV cable.
General problems connecting external appliances through an AV input	a) The appliance is not logged in in the "Connect AV devices" menu or connected differently to that shown in the connection diagram b) The AV norm is set incorrectly c) The AV signal is set incorrectly	a) Compare the connection diagram with the actual installation in the Main Information under "Connect AV devices" and connect as shown or re-log in. b) Set the norm correctly. c) Set the AV signal correctly. If "Automatic" is set for AV norm or AV signal this can lead to incorrect detection for signals outside the norm. Then the norm and the signal must be set according to the specifications in the operating instructions of the external appliance.
Picture shifted horizontally	The TV set is located in the Southern hemisphere (e.g. Australia, South Africa)	Adjust horizontal position: a) Call main information with i -key b) Call Index – Adjust picture – Move horizontal c) Adjust horizontal picture position

Problem	Possible cause	Remedy
Connection of a decoder does not work or malfunctions	a) The signal is not decoded because in the Main Information - Connect AV equipment - Decoder-channels - For decoder connected to AV ... the decoder channel locations are not marked in blue b) There is no sound in decoder mode because in the Main Information - Connect AV equipment - Decoder channels - Sound via AV socket ... - is not set correctly	a) In sub-item „For decoder connected to AV ...“ mark the channel locations at which the decoder is necessary. b) Correct setting (see decoder instructions).
No sound over the TV loudspeakers	a) In the Sound menu the item „Sound via ...“ under „Sound“ is set to „hi-fi-system“ b) In appliances with a 9-pin cubic socket at the rear, nothing is connected to this socket	a) Change setting to „TV“. b) Either a dummy plug with bridges or a Loewe Subwoofer has to be inserted in the cubic socket.
All menus appear in the wrong language	Menu language was accidentally set incorrectly.	Set your menu language: 1. Switch off Picture In Picture (PIP)* and all fade-ins, press the E key 2. Call up the TV menu, press the M key 3. Select the last menu item and press the OK key 4. Select the last menu item on the last page and press the OK key 5. Now select the correct language and 6. ... confirm with OK .
Digital Link Plus does not work	a) The video recorder was not logged in as a Digital Link Plus appliance or was connected to the wrong socket b) Euro AV cable not fully wired (pin 10 not wired) c) A few video recorders can only take over the station when the TV appliance is switched on for the first time d) All or a few terrestrial and cable channels are stored at channel locations ≥ 99	a) Log in the Digital Link Plus video recorder under „Connect AV equipment“ and connect as shown in the diagram. b) Change the Euro AV cable c) Restore delivery condition of the video recorder (see operating instructions for the recorder) d) Re-allocate terrestrial and cable channels so that they are between 1 and 99.
Various characters are displayed incorrectly in teletext	The wrong character set was set in the teletext menu	Set the correct character set: Teletext Menu – Settings – Standard or the corresponding character set for your language.

Technical Data

Mechanical Data

Aconda 9372 ZP(R) Part number 59402
 Dimensions (cm) 80,5 x 59 x 54,5 (WxHxD)
 Weight (kg) 44
 TV tube Real Flat-Line
 Format 4 : 3
 Screen class 72 cm, visible 68 cm

Aconda 9381 ZW Part number 59401
 Aconda 9581 ZW AC3 Part number 59404
 Aconda 9281 ZW Part number 60401
 Dimensions (cm) 85.5 x 62.5 x 57.5 (WxHxD)
 Weight (kg) 55
 TV tube Real Flat-Line
 Format 16 : 9
 Screen class 81 cm, visible 76 cm

Aconda 93102 ZW AC3 Part number 60406
 Dimensions (cm) 104 x 76,5 x 63,5 (WxHxD)
 Weight (kg) 92
 TV tube Super-Flatline
 Format 16 : 9
 Screen class 102 cm, visible 96,5 cm

Cantus 3972 ZP-DVB Part number 61463
 Dimensions (cm) 81 x 58 x 49,5 (WxHxD)
 Weight (kg) 41
 TV tube Super Flat-Line
 Format 4 : 3
 Screen class 72 cm, visible 68 cm

Vitros 6381 ZW Part number 59476
 Dimensions (cm) 85.5 x 62 x 59.5 (WxHxD)
 Weight (kg) 57
 TV tube Real Flat-Line
 Format 16 : 9
 Screen class 81 cm, visible 76 cm

Xelos 5381 ZW Part number 59420
 Dimensions (cm) 83 x 62.5 x 58 (WxHxD)
 Weight (kg) 50.5
 TV tube Super Flat-Line
 Format 16 : 9
 Screen class 81 cm, visible 76 cm

Electrical Data

Chassis designation Q 2400 MediaPlus
 Frame repetition frequency PAL/Secam 100 Hz
 *PAL 60/NTSC 60 Hz proscan
 Full Digital 100 AMD*/DMI, DNC adjustable
 Power supply 220 V to 240 V / 50-60Hz
 Power consumption operation appr. 125 Watt
 Standby < 1 Watt
 Sat-Standby < 60 Watt
 Ambient temperature 5° – 40° Celsius

Tuner VHF/UHF/ Cable
 (hyperband 8 MHz) 42 MHz to 860 MHz
 Programme memories * 200/in DVB 600
 TV standards * PAL B/G
 PAL D/K, PAL I, PAL L, PAL N/M, PAL 60
 Secam B/G, D/K, L
 NTSC / NTSCV

Sound standard Mono/Stereo/2 Sound
 *Nicom B/G/ (L)
 Rated audio power 2 x 18 Watt / 4 Ohm
 Audio music power 2 x 40 Watt / 4 Ohm
 Teletext HiText (Level 2.5)

Connections

Mini-DIN (Front)	Video IN	S-VHS / Hi 8
Phono (Front)*	Video IN	VHS / 8 mm
Phono (Front)	Audio IN	L + R
Jack 6,3mm (front)	Headphones	32 – 200 Ohm
Jack 3.5mm	Audio IN	L + R
IEC-socket	75 Ohm	Aerial / cable
EURO 1	Video IN/OUT	S-VHS / Hi8
	Video IN/OUT	VHS / 8 mm
	Audio IN/OUT	L + R
EURO 2	Video IN/OUT**	S-VHS / Hi8
	Video IN/OUT	VHS / 8 mm
	Video IN	RGB
	Audio IN/OUT	L + R
EURO 3	Video IN	S-VHS / Hi 8
	Video IN	VHS / 8 mm
	Video IN	RGB/YUV
	Audio IN	L + R
Phono	Audio OUT	Level adjustable/fix
Cube socket	9-pole	Subwoofer
Phono*	Subwoofer OUT	LFE-signal
Phono*	Surround OUT	L + R

Phono* Dig. Audio IN multi-channel signal
 Phono* Dig. Audio OUT multi-channel signal
 * depending on equipment and type of appliance
 ** OUT only in Digital Link Plus video recorder

Available Accessories

Racks

Ask your dealer, he will be able to offer you the matching rack for your equipment from the Loewe programme.

Internal radio transmitter and radio headset

for cordless transmission of sound to the Loewe HS82 radio headset or for surround-sound to cordless loudspeakers (e.g. L82 HF) with integral Dolby digital decoder.

Subwoofer

for powerful bass reproduction through the cubic socket.

Single-/Twin-Sat tuner and Digital TV module

Your TV set can be retrofitted with the integrated satellite tuner 6 and the TV-Digital module. This enables the reception of analog and digital satellite programmes.

Therefore a wide range of freely receivable digital satellite programmes are available with maximum picture and sound quality.

Dolby Digital Decoder

for multi-channel reproduction from the DVD player in Dolby Digital cinema quality. The Dolby Digital Decoder is integrated in the TV set.

Online Module

for comfortable access to Internet and E-mail. All accessible through the remote control or optional infrared keyboard.

VGA retrofit kit for connecting a PC

this turns your TV into a VGA monitor. (not possible in connection with online module).

IR-Link

This enables you to operate a concealed video recorder from another manufacturer or the D-box, via the television using the original remote control.

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Subject to modifications!

 The code number 3001 cancels a PIN code and therefore also the parental lock. Please keep it in a safe place.

